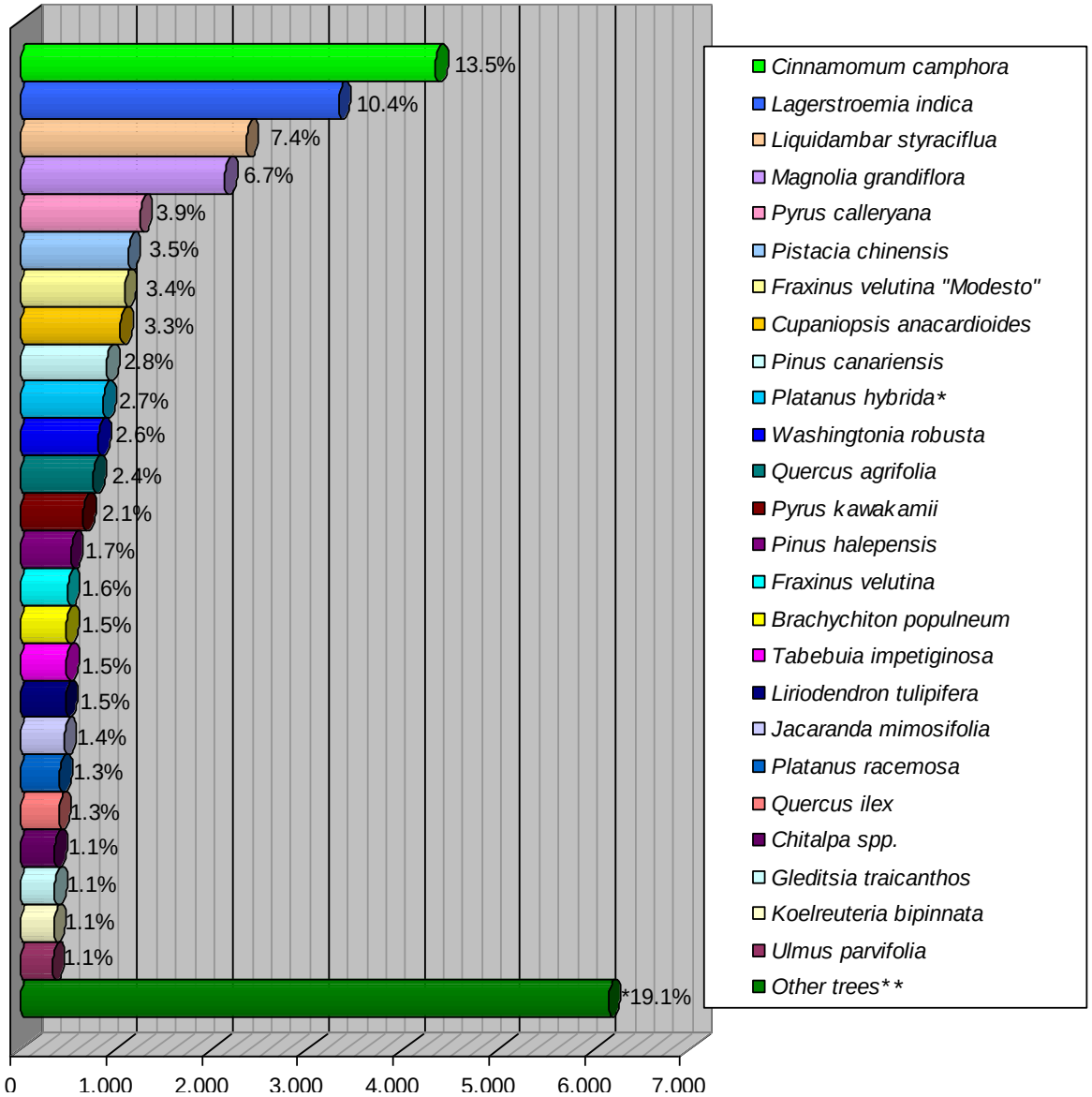
City of Burbank

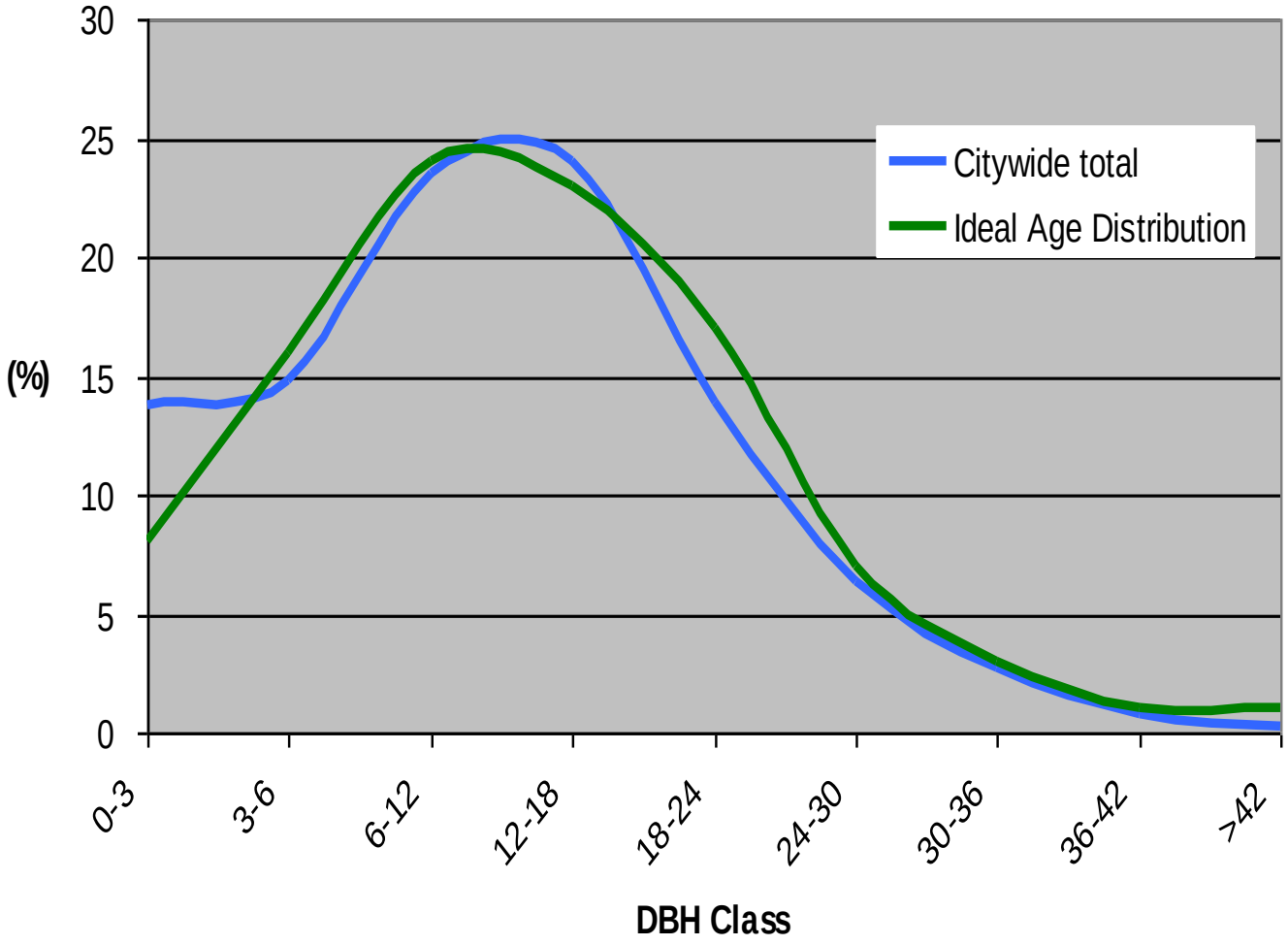
Species Richness and Composition



**Other trees = 19.1% of the population is comprised of species which represent less then 1% of the total population

DAVEY

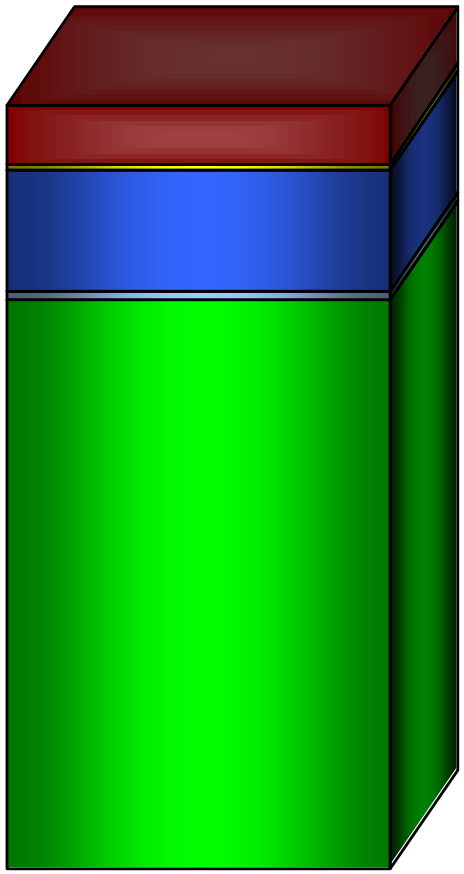
Relative Age Distribution



DAVEY

Public Tree Benefits

Total Annual Benefits of Public Trees



- **$325,741 - Energy**
- **$37,942 - CO2**
- **$687,571 - Air Quality**
- **$41,081 - Stormwater**
- **$3,194,514 - Aesthetic/Other**

Total Annual Benefits

$4,286,849

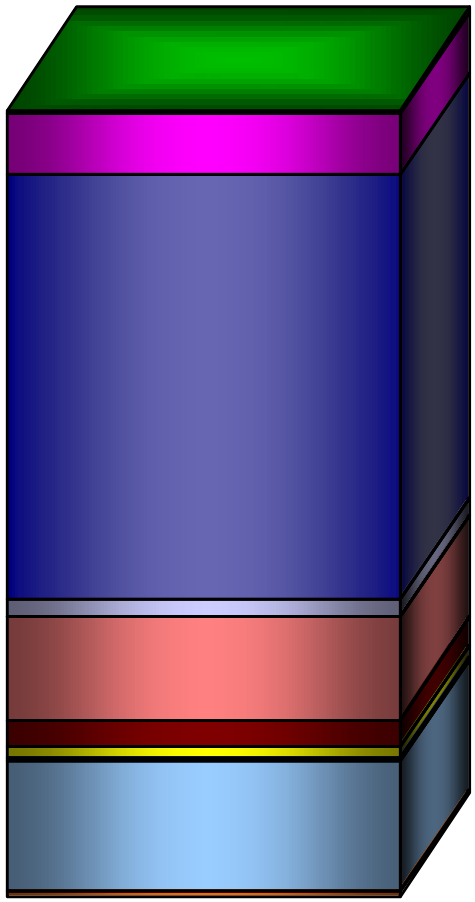
Annual Average Per Tree Benefit = $133.64

Annual Per Capita Benefit = $42.83

DAVEY

Public Tree Expenditures

Total Annual Cost of Public Trees



- $12,412 - Planting
- $138,000 - Liability/Claims
- $1,000,000 - Infrastructure Repairs
- $36,521 - Litter Clean-up
- $1,468 - Inspection/Service
- $241,176 - Administration
- $63,212 - Removal
- $26,000 - Irrigation
- $10,000 - Pest Management
- $304,183 - Contract Pruning
- $9,124 - Other Costs

Total Annual Cost

$1,842,096

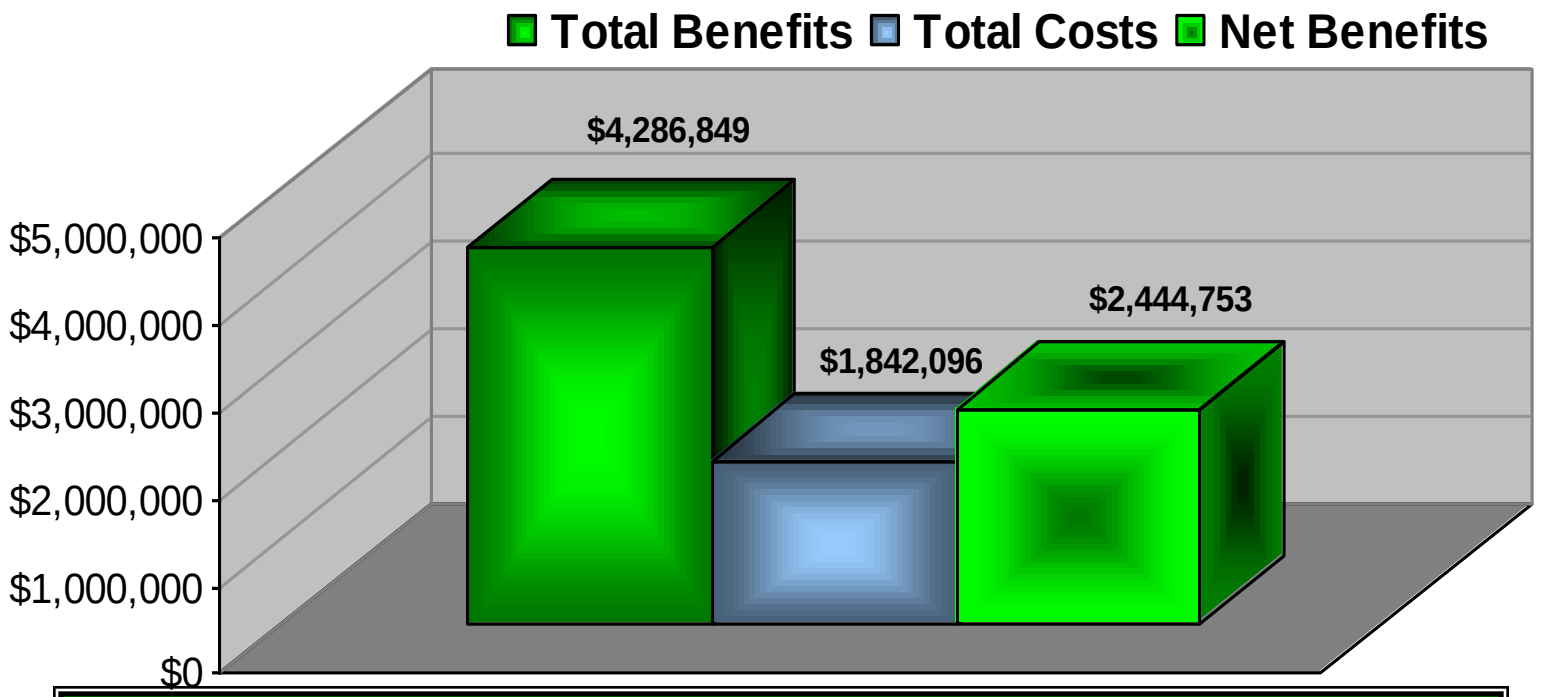
Annual Average Per Tree Cost = $57.43

Annual Per Capita Cost = $18.40

DAVEY

Net Annual Public Tree Benefits

Total Annual Benefit, Cost & Net Benefit

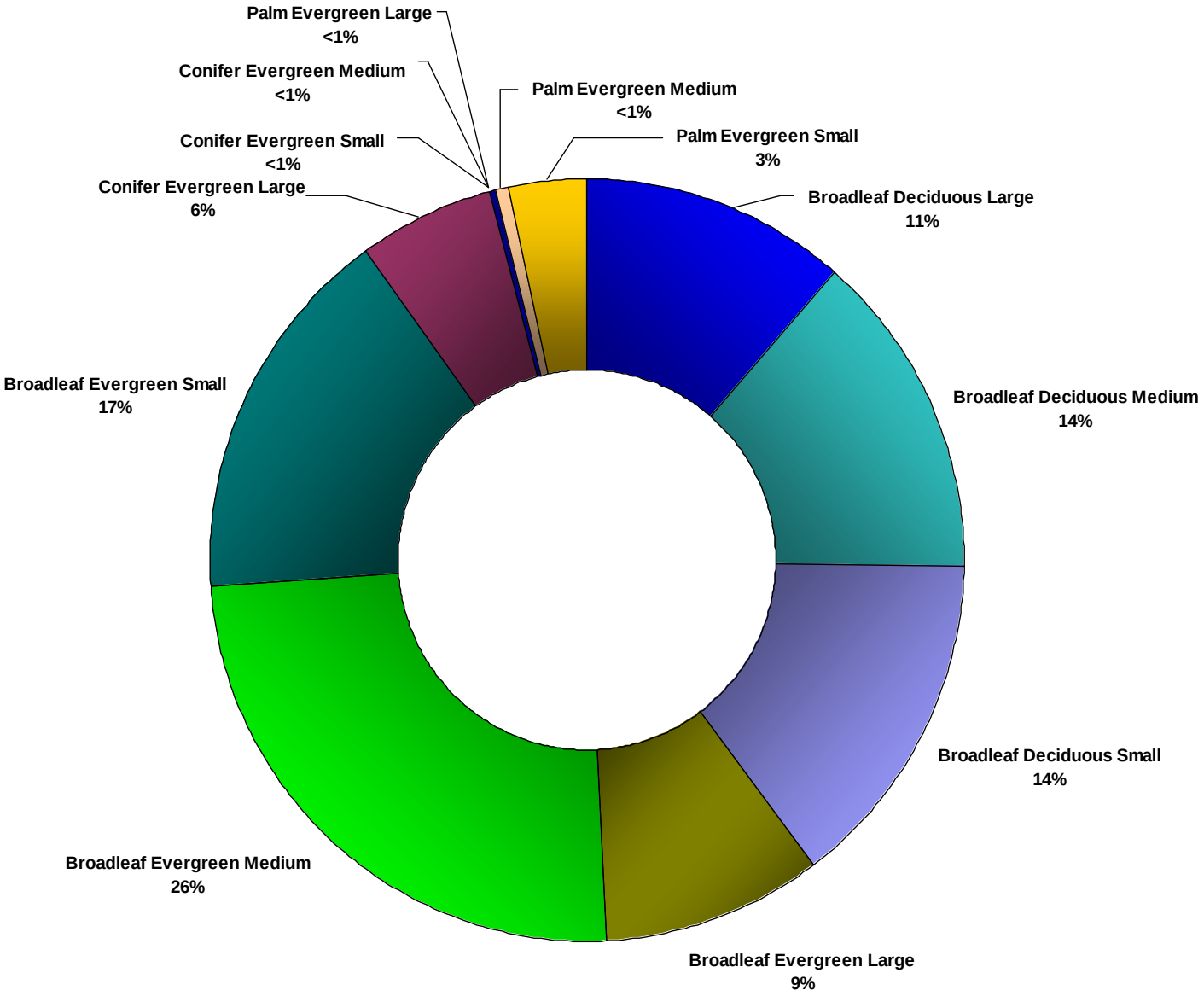


For Every $1 spent on the Community Forest,

Burbank receives $2.33 in Benefits

DAVEY

Population Composition



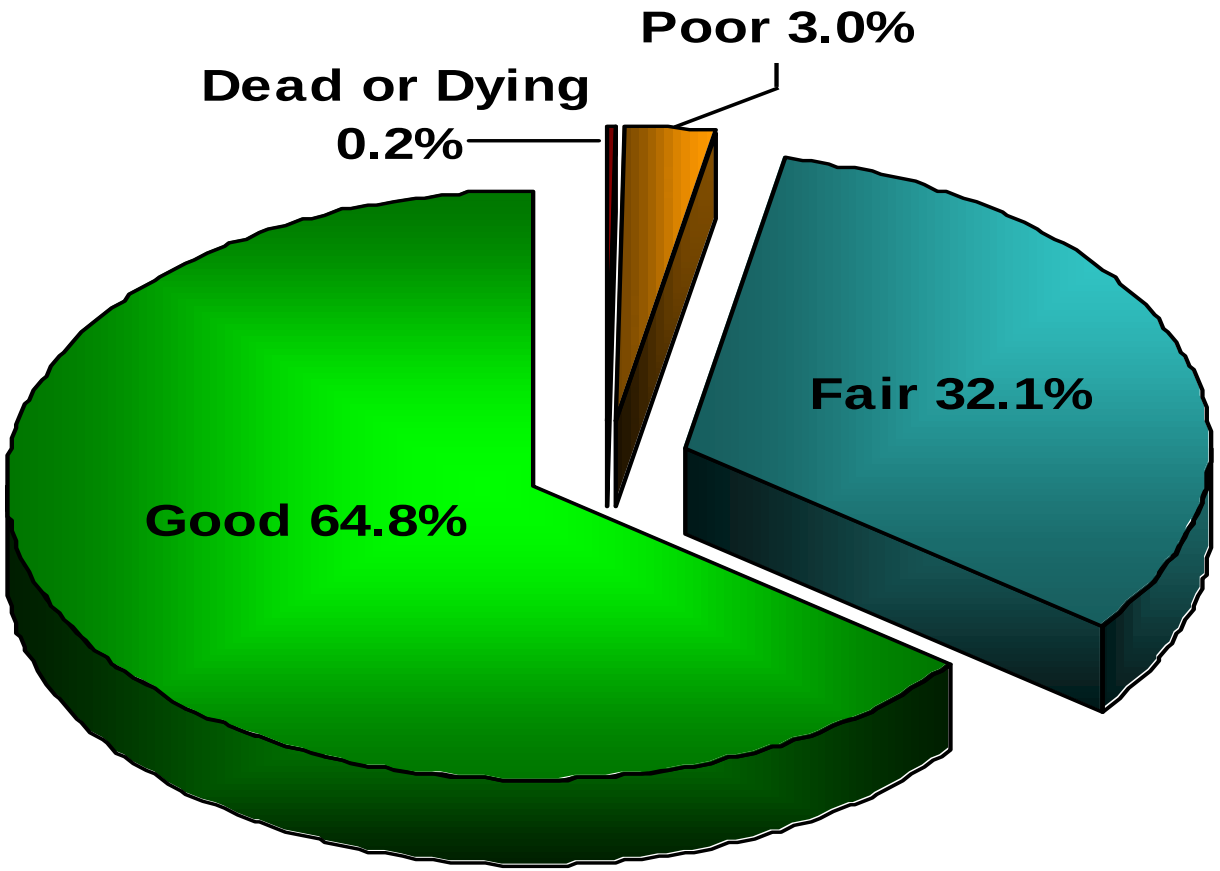
DAVEY

Importance Values

Species	# of Trees	# of Pop.	Canopy Cover (ft_2)	% of Canopy	IV
Camphor	4,344	13.5	4,447,076	27.8	20.0
Crapemyrtle	3,330	10.4	583,702	3.6	5.3
Sweetgum	2,365	7.4	1,010,463	6.3	7.4
Magnolia	2,143	6.9	1,238,379	7.7	6.7
Modesto Ash	1,093	3.4	1,072,688	6.7	6.7
London planetree	874	2.7	987,185	6.1	6.2
Total Community Forest	32,077	100	16,134,996	100	100

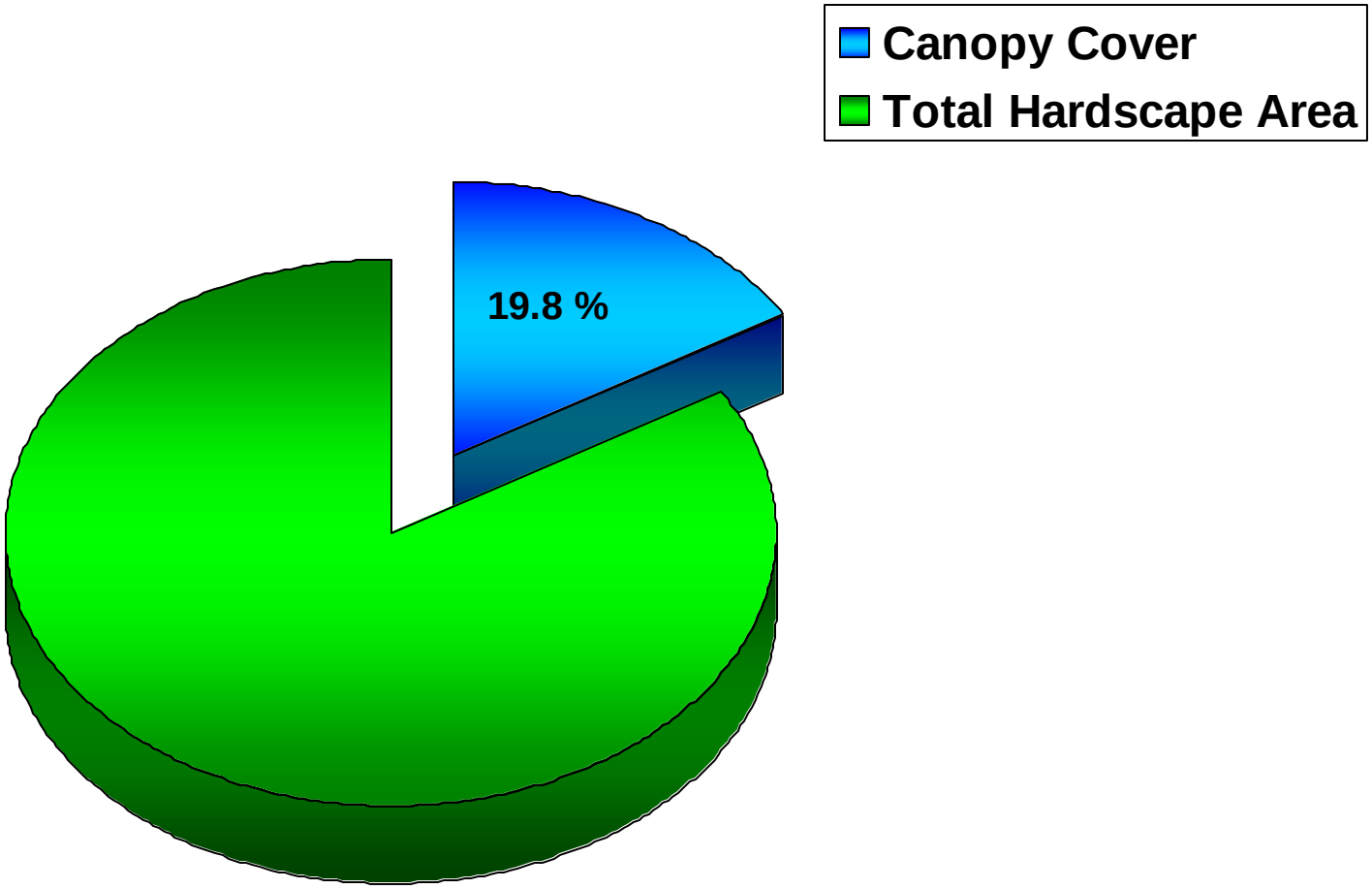
DAVEY

Tree Condition Ratings

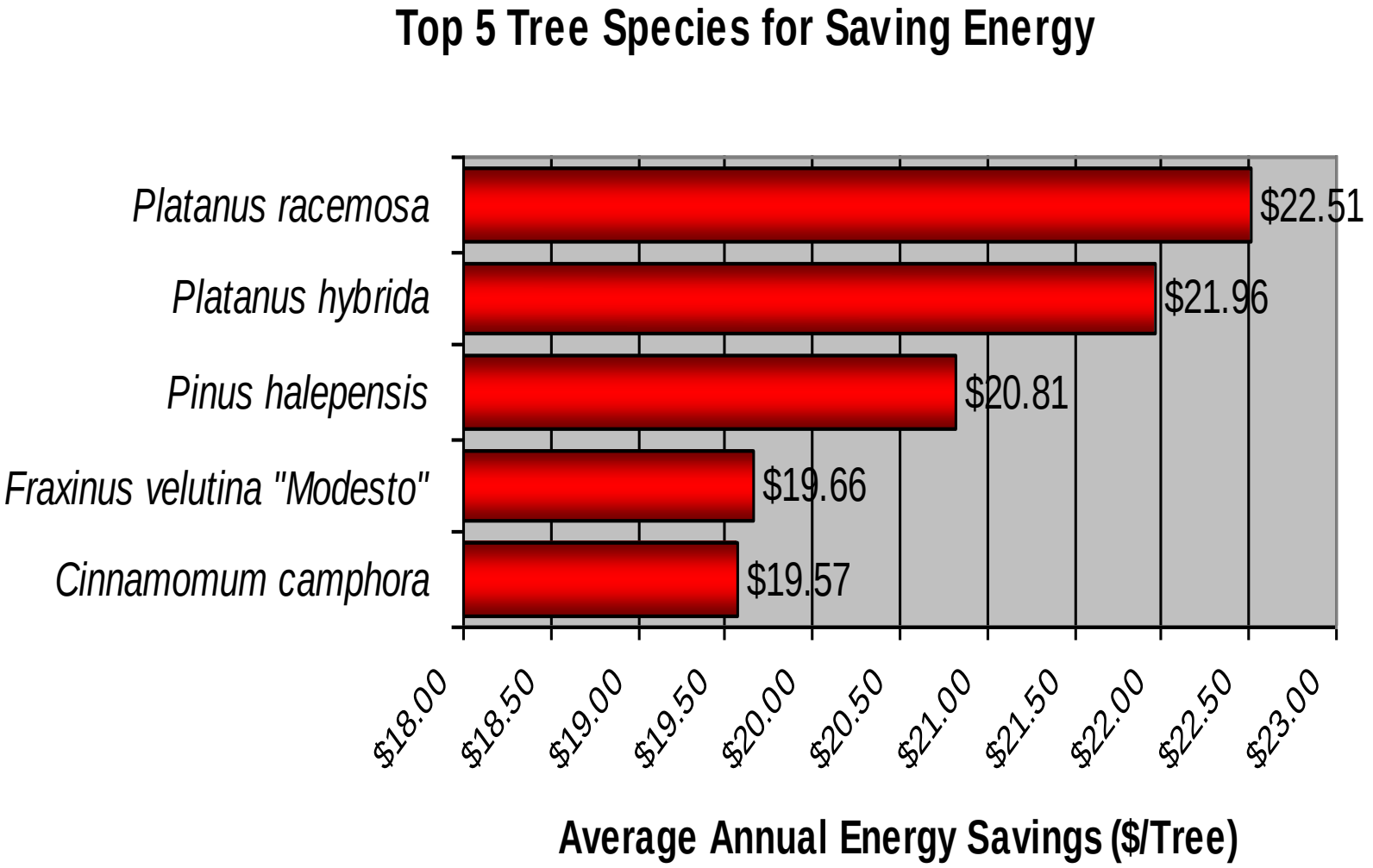


DAVEY

Street Tree Canopy Coverage

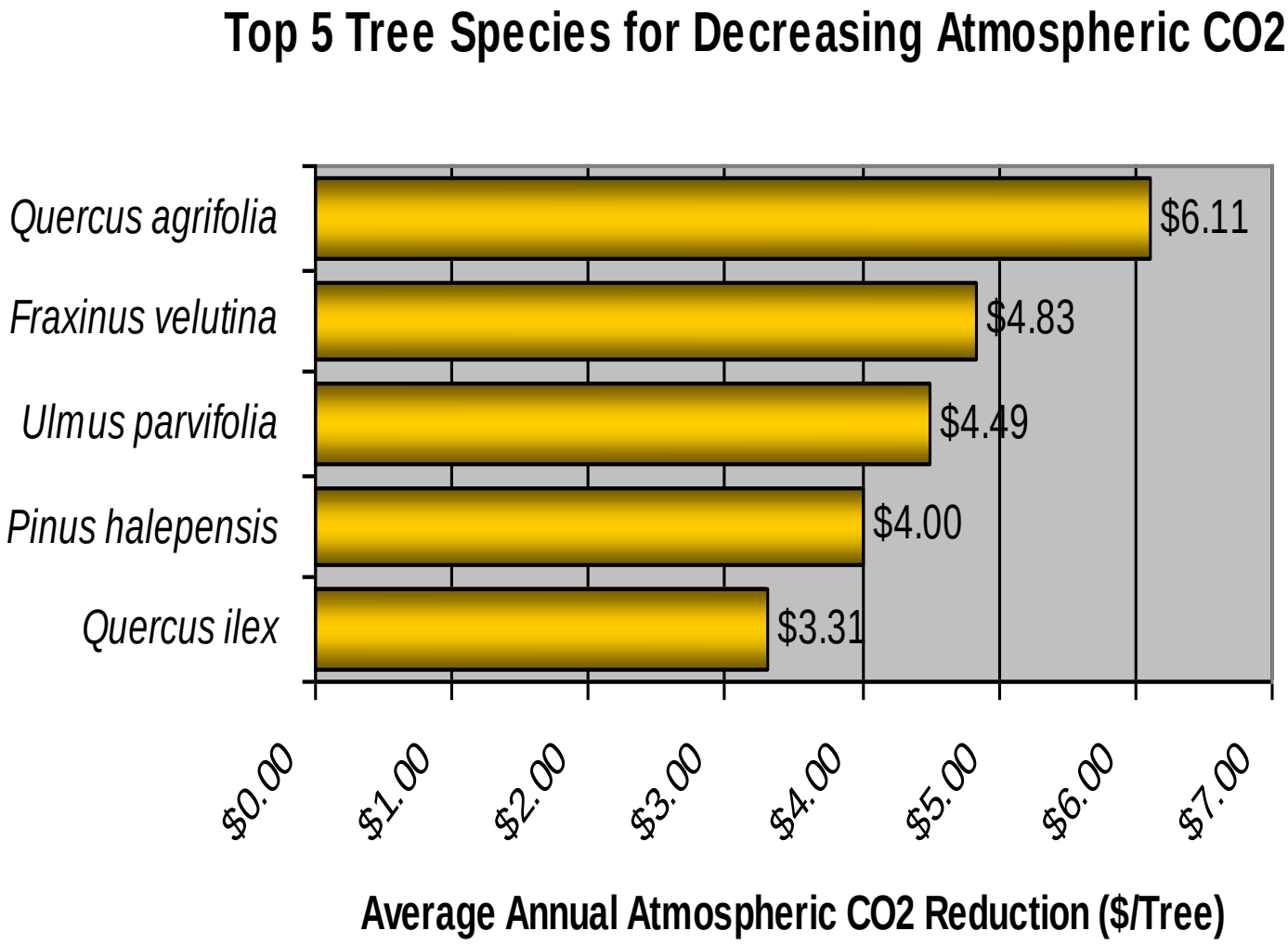


Public Tree Benefits



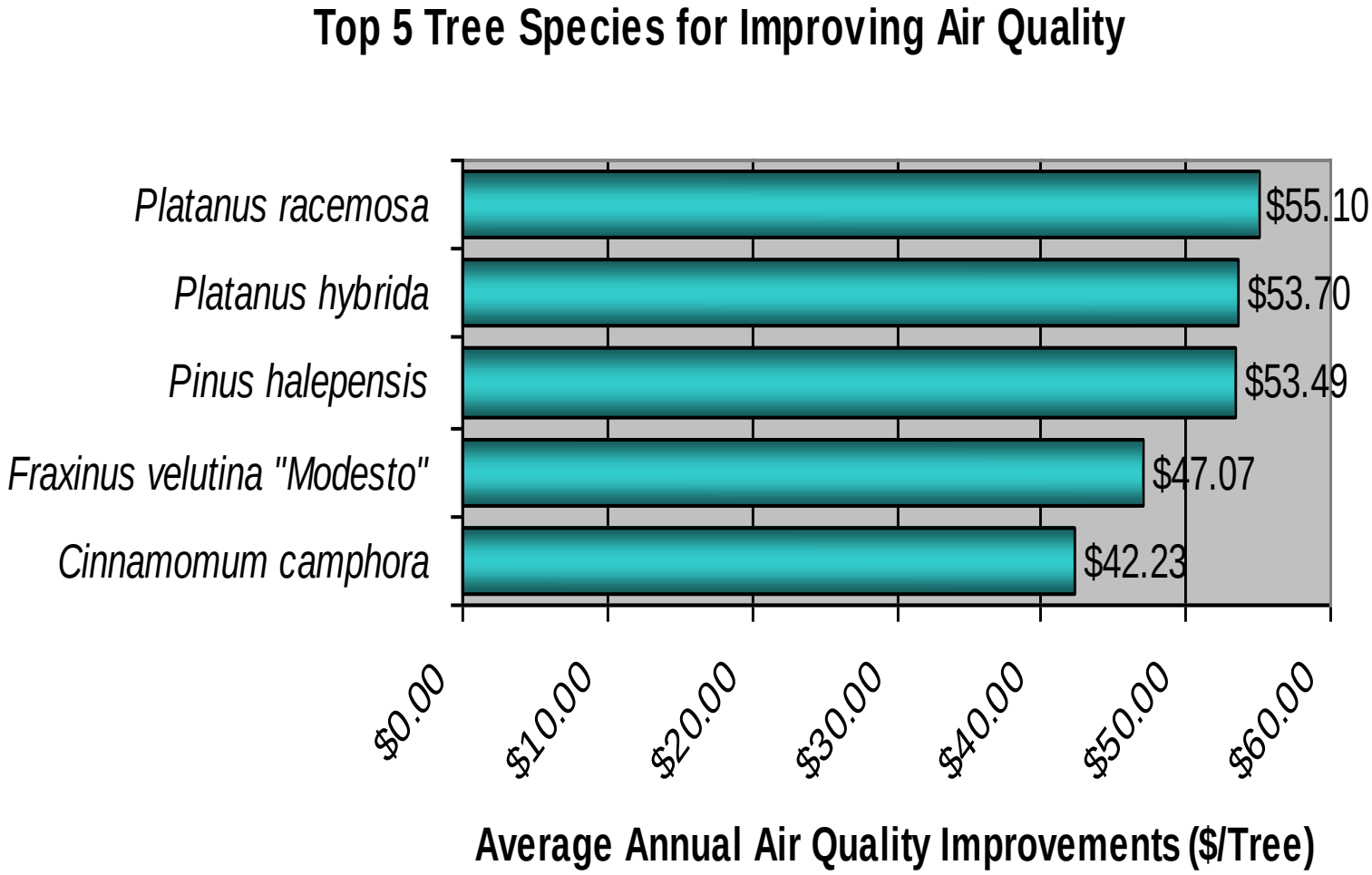
DAVEY

Public Tree Benefits



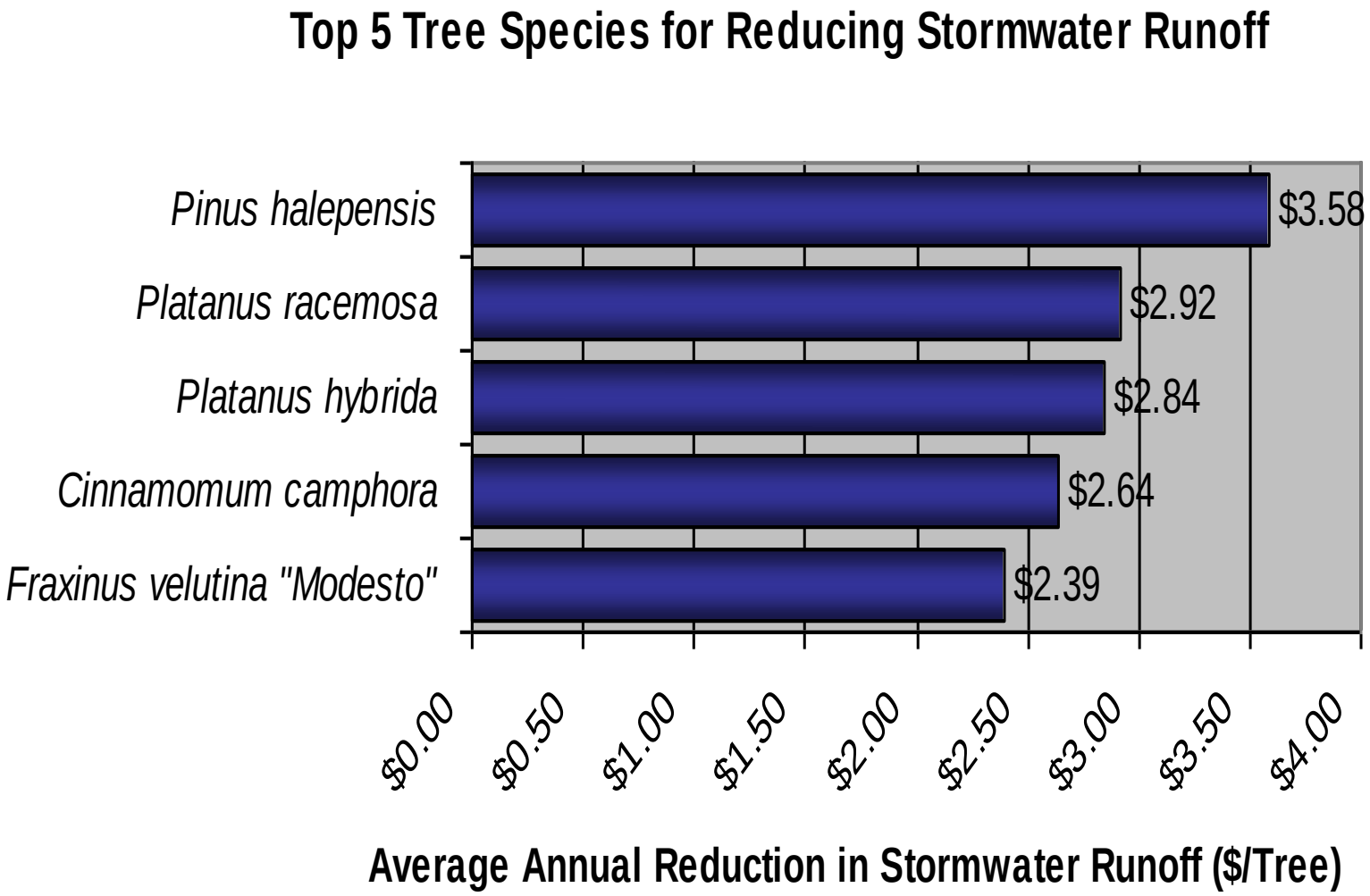
DAVEY

Public Tree Benefits



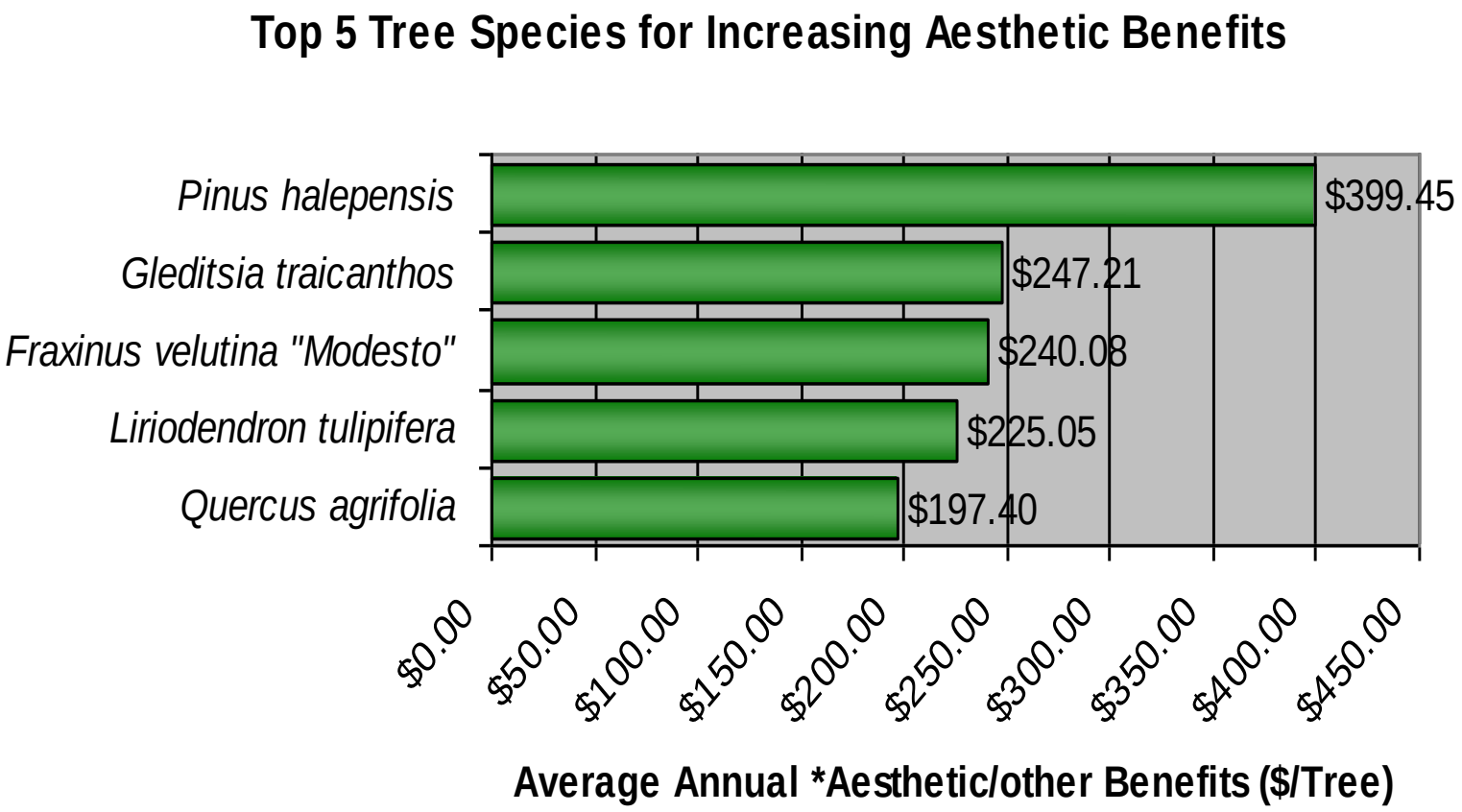
DAVEY

Public Tree Benefits



DAVEY

Public Tree Benefits



*A measure of the tangible and intangible benefits of trees reflected in increases in property values due to trees.

DAVEY